

VOLCANIC ACTIVITY, NUCLEAR TESTS AND THE UNIFIED FIELD

The timing and location of volcanic eruptions and nuclear detonations are related to a system of geometric harmonics that conforms with equations describing the creation of the Universe.

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A NEW THEORY OF VULCANISM BASED ON GRID HARMONICS

In my earlier works I demonstrated that all volcanic activity appears to be related to a system of geometric harmonics, based on the unified equations I discovered in my research. In my first book, *Harmonic 33*, I stated that scientists are still not certain just what does happen far below the surface of the Earth's crust to cause the conditions necessary for volcanic activity. Many theories have been put forward, but none completely explains all the facts about these mammoth disturbances.

A volcano is like a boil on the skin of the Earth. Every now and again, the pressure builds up deep inside this gigantic sore spot and it blows its top, spewing out rocks and lava to relieve the strain. Quite often thunderstorms, lightning and other weird electrical effects accompany the eruption, bringing torrential rain.

It has been noted by Japanese scientists that the magnetic field of the Earth is definitely altered in intensity and direction at the locality of a volcano just before and during an eruption. The question is: does volcanic activity produce the magnetic and electrical effects, or do the magnetic and electrical disturbances cause the volcanic activity? Now that I have checked many of these spots, I am inclined to think that the latter is the true explanation for the cause of the disturbance.

G. Gorshkov, a Russian scientist, discovered that in the case of Klyuchevskoy, possibly the highest volcano in Eurasia, there is a lenticular pocket of liquid, 25 to 35 kilometres long and 10,000 to 20,000 cubic kilometres in volume, between 60 and 70 kilometres below the surface. This was the first volcano in the world to be scientifically investigated to calculate the depth of its reservoir of molten rock.

According to Haroun Tazieff in his book, *When the Earth Trembles*, geologists speculating on more or less arbitrary notions had believed that in general the volcanic foci were to be found in the Earth's crust, much nearer the surface. Gorshkov's discovery shows that the liquid magma is found as deep as the base of the Earth's superficial crust and even just under the Mohorovicic discontinuity.

Now this is a strange thing. The plasma bowl of Mt Kilauea in Hawaii was found by seismometers to be about 55 kilometres below the surface. As the Earth's crust is only in the region of 14 kilometres below sea level at this point in the Pacific, the focal point or plasma disturbance of the Hawaiian volcano is roughly 40 kilometres below the limits of the Earth's crust. As this region of the Earth is supposed to be in a fairly plastic state in comparison with the crust itself, no scientific cause can be found to explain an area of fire and brimstone at this depth.

This leaves the field wide open for a new theory on the origin of volcanic activity. With due respect to the scientists engaged in this research, I offer a new theory based on other data discovered during my own research into the harmonic geometric nature of the unified fields that create our reality.

Over the last 37 years I have carried out extensive research into the geometric structure of matter and have discovered a series of harmonic unified equations which relate to the manifestation of our reality from the all-encompassing gravitational fields.

Initially, I discovered that an energy grid network could be calculated over the complete surface of the Earth. The basic grid structure is formed by a series of great circles interlocking at various points around the Earth's surface. The nodal points of two similar grids, when joined by a series of small and great circles, form what I loosely termed "polar squares" around the north and south geographic poles.

It was when I carried out a geometric and mathematical analysis of these sections that I found a direct connection with light, gravity, mass and electromagnetic equivalents in an harmonic sense. To do this, I had to convert all our normal systems of measurement into a single set of units and also convert our time measure into one that would correlate with the grid. After much thought and a long period of trial and error, I discovered that angular measure in minute-of-arc values and a time unit based on 27 units for one revolution of the Earth were the keys to unlocking the grid secrets.

Finally, after years of work, I discovered that I could formulate a series of harmonic unified equations which indicate that the whole of physical reality is in fact manifested by a complex pattern of interlocking wave-forms. I gradually found that the harmonic values could be applied to all branches of scientific research and atomic theory.

As time went by, much interest was being shown by intelligence agencies, government personnel and scientists in the work I

was doing and many requests started coming in for information. Help in my work was eventually offered from these quarters, but the catch was that I had to remain silent about my discoveries. This I refused to do, and I still continue to carry out my research on my own.

One of the most startling facts that I discovered by application of grid mathematics is that an atomic bomb is a device which is based on the geometrics of space and time. To be successfully detonated, the bomb must be geometrically constructed, placed on, under or over a geometric position in relation to the Earth's surface, and activated at a specific time in relation to the solar system. I found that it is possible to pre-calculate the time for various bomb tests and the location where it is possible to explode a bomb.

It was after this that I really got the attention of the scientists.

PLANETARY GRID HARMONICS

The Earth energy grid diagram indicates that the diagonal of the polar square is 5091.168825 minutes of arc (or nautical miles) and can be broken down into a series of harmonic values:

- (5091.168825/2)
- = 2545.5844120 harmonic
- Reciprocal of 2545.584412
- = 0.0003928371 harmonic
- Square of 2545.584412
- = 648 harmonic

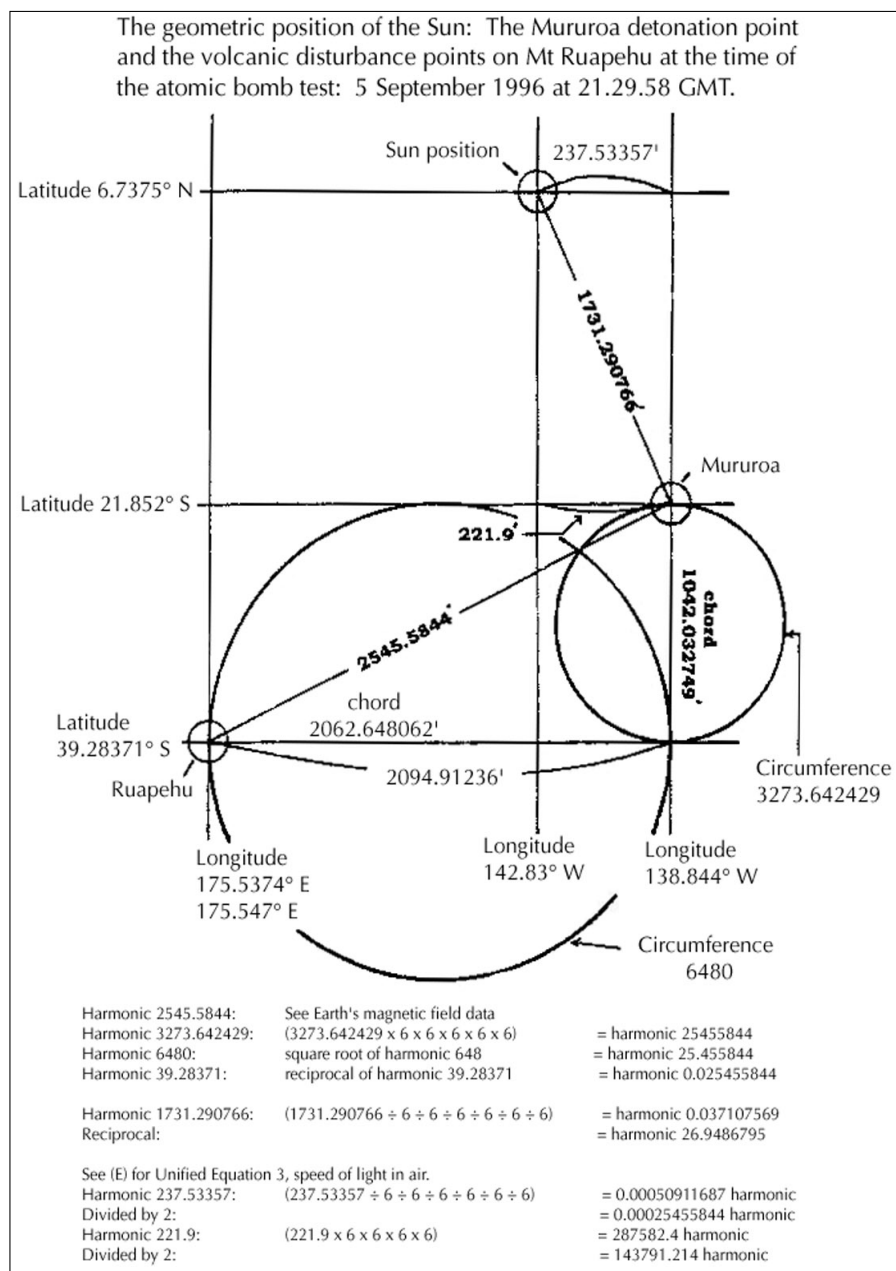
The harmonic value of 3928371 is of extreme importance as it has a direct relationship with the Earth's magnetic field. The harmonic 648 also has many interesting associations, in particular in the harmonic table for temperature.

Further mathematical analysis of the polar sections of the world energy grid system indicated that the harmonic value for mass is equal to the harmonic of the speed of light plus the square root of the harmonic of the speed of light reciprocal, or:

if 'c' = the speed of light
 'm' = mass
 then $m = (c + 1/c)$

Einstein declared that physical matter is nothing more than a concentrated field of force. What we term a physical substance is in reality an intangible concentration of wave-forms. Different concentrations of structural patterns of waves unite to form the myriad chemicals and elements, which in turn react with one another to form physical substances. Different wave-forms of matter appear solid to us because we are constituted of similar wave-forms which resonate within a clearly defined range of frequencies that control the physical processes of our limited world.

Einstein believed that the 'm' value for mass in the equation could eventually be removed and a value substituted that would express the physical in the form of pure energy. In other words, by substituting for



'm', a unified field equation should result which would express, in mathematical terms, the whole of existence including this Universe and everything within it. In other words, he maintained that the 'm' in his equation could be replaced by a term denoting wave-form.

I had found a substitute for 'm' in terms of the wave-form of light. So the obvious step for me was to replace Einstein's 'm' with the values of 'c' found from the energy grid system. The results are as follows:

Einstein:	$E = mc^2$	
Cathie energy grid:	$m = (c + 1/c)$	
Therefore:	$E = (c + 1/c)(c)^2$	<i>Harmonic Unified Field Equation 1</i>

I now had an harmonic unified field equation expressed in terms of light.

In the polar areas of the energy grid, the geometric values of some of the coordinates appeared to be doubled. The coordinate of 2545.584412 was doubled in the diagonals of the polar squares, and all of its associated harmonics and other factors appeared to be doubled when the pattern was projected onto a plane.

I reasoned that the way to check this idea was to increase the values of 'c' in the equation and observe the changing harmonic of 'E' to see what relative values emerged. I found what I was hunting for in the form of two more equations. One was in relation to the magnetic field of the Earth.

The Earth is simply a huge magnet, a dynamo wound with magnetic lines of force as its coils (eddy currents), counted to be 1,257 to the square centimetre in one direction and 1,850 to the square centimetre in the other direction.

The unbalanced fields of 1,257 lines of force per square centimetre in one direction and 1,850 in the other does not tell us much in itself. But if we use the information to calculate the field strength over an area that has an harmonic relationship with the unified fields of space, and if the basic information is correct, we should find some mathematical values of great importance.

It now appears that the magnetic field strengths and areas change in conjunction with the light and gravity factors according to the change in the latitude on the Earth's surface. During these changes, the harmonic relationships remain constant.

The basic unit for harmonic calculation is the geodetic inch, or one 72,000th of a minute of arc—one minute of arc being 6,000 geodetic feet (6,076 British feet). If we take the values 1,257 and 1,850 lines of magnetic force per square centimetre and make a fractional correction to allow for the curvature of the Earth's surface, we can then establish a theoretical field density of 1257.139035 lines of force in one direction and 1850.900532 lines of force in the other. This will allow the calculation of the field densities for one square geodetic inch in the north and south polar areas that can be mathematically related to the light and gravity factors.

Field A converts to: 12245.69798 lines of force per square geodetic inch.

Field B converts to: 8317.32698 lines of force per square geodetic inch.

The combined field density is equal to: 20574.234 lines of force per square geodetic inch.

The difference in field density is equal to: 3928.371 lines of force per square geodetic inch.

Or:
 (Field A – Field B) = $(2c + 1/2c)(2c)^2$
Harmonic Unified Field Equation 2
 = 3928.371 harmonic
 = (144000 – 90.9345139)
 = 143909.0655 minutes of arc
 per grid second (harmonic)

where 'c'

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The reduction in the light speed of 90.9345139 minutes of arc per energy grid second creates a very interesting factor. The whole system of universal harmonics is based on the geometrics of the circle, the circumference of which can be divided by its radius into six equal parts. Therefore, six is the fundamental harmonic of all circular and spherical forms, and basic values can be shifted up or down this harmonic scale by multiplying or dividing by this number. Base 10 is also a part of the harmonic process and decimal points can be moved back and forth without altering the series of numbers. Zeroes before and after a number series can be ignored in harmonic calculation.

So, if we multiply the value of 90.9345139 by the six harmonic seven times:

$$90.9345139 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 = 2545584412 \text{ harmonic}$$

The value 2545584412, again, is the reciprocal of 3928371 harmonic.

It took many years before I was able to find the harmonic association of gravity acceleration to the unified field.

Because of a sudden hunch, I decided to check the gravity acceleration values in the textbooks and convert them into geometric equivalents in grid time. The values were in metres per second squared, and I decided to convert these progressively into British feet, geodetic feet, minutes of arc or nautical miles, and degrees based on grid time.

I started off with a value at the equator of 9.78039 metres per second squared, and when I found the value for degrees, or 60 nautical miles per grid second squared, I got a very pleasant surprise: 0.000069545205 degrees per grid second squared.

The previous speed-of-light harmonic reciprocal of 695, published in my earlier works, was within about 1/100,000,000th of the true value of gravity acceleration! No wonder the secret groups were getting uneasy about my findings.

It was becoming obvious now that gravity and the so-called "speed of light" were harmonic reciprocals of each other. As gravity increased, the "speed" of light decreased, and vice versa. Light is therefore not a "speed" in the true sense. It is an acceleration or

deceleration according to geometric position. Because of relativity, it always appears to us as a constant factor. A little bit of thought will show us that as the gravity and the light values vary, then all the physical processes will vary in direct ratio, including our measuring instruments. All the readings will appear to remain constant. Time itself will also alter in relation to the gravity and light factors.

It did not take me long to calculate a rough conversion table for the full 90 degrees from the equator to the pole. This was then extended harmonically to include the "speed of light" factors up to a maximum of 144,000 minutes of arc per grid second.

The values we read on our instruments are those calculated at zero latitude, or the equator, because of relativity. When the light factors are converted back into normal measurements of kilometres per second, etc., we see that the values match those in the textbooks.

Harmonic Unified Field Equation 3

$$E = [(2c + 2c)(2c)^2]$$

A series of values for 'E' can be derived from Harmonic Equation 3 when the speed of light factor is altered harmonically

between the ranges of gravity: 143791.36+ minutes of arc per grid second to 144000 minutes of arc (maximum) at the equator.

Speed of light harmonic	What/Where	Energy harmonic
143797.2143557610	gravity	2693567886
143791.3643831903	gravity	26935706
143860.9095887935	in air	2694867949
143891.3649196305	in vacuum	26954363
143909.0654800000	electromagnetic	26957666
144000	maximum	2697463486

In equations 2 and 3, the values for 'c' have been doubled to allow for antimatter which pervades our whole Universe. The scientists tell us that antimatter does exist, but say that matter and antimatter are two separate forms of reality. They also say that if matter and antimatter come into contact with each other, they will cause an explosion. If both forms exist somewhere in space, we are not told where the boundary is. Space is not empty and I believe that our Universe could not exist under these conditions. We are now told that there is more matter in the Universe than can be accounted for, and the latest term for this is "dark matter"—matter that cannot be seen.

It is obvious from my research that matter and antimatter are formed from the same wave-forms which pass through positive and negative stages. A full explanation of the theory in relation to the creation of our reality from the harmonic unified field can be found in my three books still in publication: *The Bridge to Infinity*; *The Energy Grid*; and *The Harmonic Conquest of Space*.

KRAKATOA'S GEOMETRIC TRIGGERS

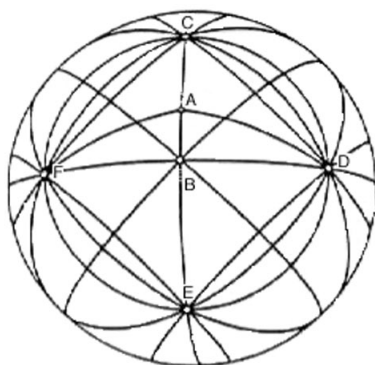
All the mathematical evidence that I have discovered to date strongly suggests that volcanic activity is triggered by the geometric relationship of the Earth and the Sun at any given time and is directly associated with the electromagnetic and unified fields inherent in the structure of the Earth.

In fact, volcanic action appears to be manifested by the same geometric parameters that are set up for the detonation of an atomic bomb. Classic examples of the geometric process can be demonstrated in the volcanic activity at Krakatoa and Rakata Islands in the East Indies (26–27 August 1883) and at Mt Ruapehu in New Zealand (18–25 September 1995). Also, by nuclear tests at the Nevada testing grounds, USA, and at Mururoa Atoll in the South Pacific by the French.

The discovered unified equations allow for many different permutations of the geometric processes, some of which are very obscure, but the above samples give a fairly direct set of values that can quite easily be traced to the given values.

First of all, the Krakatoa eruption in 1883. On 26 August a small eruption started, causing earthquakes which gradually grew in intensity; then, on 27 August, after a series of gigantic explosions, most of Krakatoa and part of Rakata, another island in the group, were blown completely off the face of the Earth. Nearly 4.5 cubic miles of rock disappeared in this almighty convulsion, leaving a great hole deep in the sea

Diagram showing the relationship of a grid polar square to the geographic pole. Each grid has a similar pattern. The pole of each grid is set at a different latitude and longitude.



A = Geographical pole
B = Grid pole

C }
D }
E } = Corner aerial positions of grid polar square
F }

B - C }
B - D } = 2545.584412 minutes of arc
B - E }
B - F }

The displacement (A - B) has a different value for each Grid.

(A - B) Grid "A" = 1054.255313 minutes of arc
(A - B) Grid "B" = 694.8832574 minutes of arc
(A - B) Grid "C" = 867.6871800 minutes of arc

bed and causing massive tidal waves which drowned an estimated 3,600 people. The explosions were so great that they were heard in Australia and as far away as the Indian Ocean. Even the largest atomic bomb could not duplicate the destruction caused by this great upheaval. As far as 160 miles away, the sky was darkened by the dust in the atmosphere. For months afterwards, brilliant sunsets and sunrises were seen all over the world. The fine dust drifted around the planet for years before it finally dispersed.

At the time of writing this account in my earlier publications, I was not aware that the speed of light is a variable, depending on position on the Earth's surface, and inversely related to gravity effects. Nevertheless I could see that, within the area of the massive blast, a geometric connection could be made within a certain degree of accuracy according to the unified values so far discovered in my research. A series of calculations was made and published in order to demonstrate the perceived connection.

Since that time, my research has become more advanced, and full sets of computer tables, unified values and equations are now available that allow for very accurate computer calculations to be made regarding particular points of interest on the Earth's surface.

Naturally, the Krakatoa upheaval was one of these points to be mathematically revisited. The position, within an accuracy of one minute of arc, is given in the *Times World Index* as:

Latitude: 6° 11' 00" south /
Longitude: 105° 26' 00" east.

The latest calculations (March 1998) are as follows:

Latitude: 6° 10' 57.1193976" south
Longitude: 105° 26' 29.616" east

The latitude is equal to 370.951989 minutes of arc.

The harmonic reciprocal of this value is 26957666.

A check of the 'E' value in the harmonic energy table will show that this is the electromagnetic energy harmonic (or 'E') calculated by Unified Equation 3 if the speed of light value is 143909.06548 minutes of arc per grid second.

$$E = [(2c + 1/2c)(2c)^2]$$

Unified Equation 3, where the speed of light is equal to 143909.06548 minutes of arc per grid second.

$$E = [(287818.131 + 1/287818.131)(287818.131)^2]$$

Using harmonics:

$$E = [(287818131 + 589441790)(82839276)]$$

$$E = (877259921 \times 82839276)$$

$$E = 726715760$$

$$E = 26957666 \text{ harmonic}$$

The longitude produces another important value which is linked with the Earth's magnetic field:

$$\text{Longitude: } 105^\circ 26' 29.616'' = 105.44156^\circ$$

We calculate the displacement in longitude the long way round from longitude zero:

$$(360 - 105.44156) = 254.55844^\circ \text{ harmonic}$$

This is associated with the 254.5844 harmonic (see the Earth's magnetic field). This harmonic can be derived from Harmonic Equation 2 using the speed of light value 143909.06548 minutes of arc per grid second, then taking the reciprocal value. (Note that the square root values change according to the decimal point position.)

$$\text{Field (A - B)} = [(2c + (1/2c)(2c)^2]$$

$$\text{Field (A - B)} = [(287818.131 + (1/287818.131)(287818.131)^2]$$

Using harmonics:

$$\begin{aligned} \text{Field (A - B)} &= (287818131 + \\ &186397860)(82839276) \\ &= (474215991)(82839276) \\ &= 39283710 \end{aligned}$$

$$\begin{aligned} \text{Reciprocal value} &= 1/0.00039283710 \\ &\text{harmonic} \\ &= 2545.5844 \text{ harmonic} \end{aligned}$$

We see from the above that the position of the eruption, at this point on the Earth's surface, has harmonic associations with the speed of light, the gravity reciprocal and the Earth's magnetic field. I do not have access to the tables that would indicate the Sun position at the time of the disturbance, but I would

expect, according to the geometric evidence, that the Sun-Earth relationship acted as the geometric trigger at the time.

NUCLEAR TESTING AND VOLCANIC ERUPTIONS

We come now to modern times and see what these relationships have with nuclear tests. For this exercise, we will check the latitudes of some of the tests carried out at the Nevada testing ground in the United States. Copies of dates, GMT times and latitude and longitude positions as well as Sun positions corresponding with almost all of the atomic tests since the first detonation at Alamogordo have been forwarded to me over many years, allowing me to make very accurate computer calculations.

Amongst the dozens of tests carried out at Nevada, which were scattered just above and below latitude 37.1 degrees north, I have picked out the dates, GMT times and latitudes and longitudes of several tests. These have latitudes that are very close harmonically to the values ascertained from the volcanic upheaval at Krakatoa (plus or minus 200 feet) (see box overleaf).

Were they still hunting for the perfect match of the 26957666 harmonic? I do not have enough information to calculate just how far off the mark the bomb has to be before the detonation

In fact, volcanic action appears to be manifested by the same geometric parameters that are set up for the detonation of an atomic bomb.

will *not* occur, but possibly this is also one of the reasons for conducting the testing.

Mururoa Test and the Eruption of Mt Ruapehu

The next example is what I believe to be the most convincing evidence discovered to date which links volcanic action and nuclear detonation. On 5 September 1995, a nuclear test was carried out at the French testing grounds at Mururoa Atoll in the Pacific:

Date: 5 Sept 1995
 GMT: 21:29:58.40
 Latitude: 21.852° south
 Longitude: 138.844° west

Shortly after this test, a major eruption occurred at Mt Ruapehu, a large volcano in the central north island of New Zealand. The volcanic activity was so violent that I had a suspicion that the test, 13 days before, had a connection with the enormous pressure build-up beneath the mountain that initiated the series of explosions.

During the earlier part of the year, Ruapehu had been rumbling away a bit, but on 18 September an eruption from the crater lake caused a mudslide down one side of the mountain. Then, on 20 September, the activity increased and a public alert was given (level two on a scale of zero to five).

On 24 September, the alert was raised to level three, necessitating the closing of all the ski fields. The next day, 25 September, saw the activity accelerated enormously, with rock, ash and dense cloud being ejected from the crater. The ash and cloud rising to thousands of feet caused many roads and central airports to be closed. It was the largest eruption to occur since 1945. Between 26 September and 1 October, the activity decreased and the mountain resumed its nonactive state.

I entered the Mururoa test date data from my files into the computer and checked the geometric associations with the Ruapehu and Sun positions which occurred on 5 September 1995, and found an amazing set of interlocking harmonics which related to my unified field values.

The first value, which had been noted in my previous publications, is the latitude that passes through the Ruapehu crater: 39.28371° south. The harmonic which connects the two Earth magnetic fields is 3928371. The reciprocal of this value, of course, is the 2545.5844 harmonic.

The next startling fact that emerged from the computer was that the great-circle distance from Mt Ruapehu to the atomic test position on Mururoa was 5844 minutes of arc, again harmonically associated with the Earth's magnetic field.

There was no question in my mind that disruption of matter and the associated electromagnetic disturbances created at the Mururoa test position caused ripples through the unified field, which culminated in a heating-up effect at Ruapehu.

More work on the computer revealed a spherical triangle on the Earth's surface that broke down into further geometric coordinates related to the unified values. The coordinate between the Sun position and the detonation point of the bomb created an harmonic related to the 'E' value derived from Unified Equation 3 when based on the speed of light value in air.

Other harmonic relationships were found on the computer, but I believe the demonstrated values are enough to show without much doubt that the scientists are literally playing with fire when they mess about with the atomic structure of our immediate environment. How many other volcanic upheavals have been caused by atomic detonations since they started playing around with

these things like the sorcerer's apprentice? Are they aware of these disastrous side-effects which cause untold misery to thousands of people around the world, or are they blithely unaware of their actions and blindly carry on with the race for the superior weapon? Hopefully they will wake up to the fact one day and spend their time on more fruitful research.

Note that while making a check of the Ruapehu-Mururoa relationship, I decided to have a look once

Krakatoa Latitude = 370.95199 minutes of arc south
 = 37095199 harmonic
 = 26957666 reciprocal

Nevada Test	GMT	Latitude	Longitude
25 May 1952	12.00	37.0955°	116.1055°
22 March 1955	13.0833	37.0947°	116.0238°
29 March 1955	12.9166	37.0955°	116.1027°
15 May 1955	12.00	37.0947°	116.0238°
28 May 1957	11.9166	37.0947°	116.0236°
10 October 1958	14.50	37.0947°	116.0236°
03 June 1975	14.6666	37.0947°	116.0359°
02 April 1985	20.00	37.0947°	116.0323°

Reciprocal of harmonic 370955 = 26957447
 Reciprocal of harmonic 370947 = 26958029

again at the geometric connection between Mount Egmont and Ruapehu. I had noted in my first book, *Harmonic 33*, that both these mountains were on the same latitude. Egmont is often called the Fujiyama of New Zealand and is a perfect cone shape set in thousands of acres of the best farmland in the Taranaki Province. Over the years, a few wisps of smoke have been seen coming out of a small vent near the top of the mountain and a few earth tremors have been felt, but to all intents and purposes this giant hunk of rock (8,260 feet/2,518 metres) has shown very little activity. But who knows? Some day...

Is it just an accident that these two mountains are positioned at a latitude of 39.28371° south (harmonic 3928.371)? This is the connection with the Earth's magnetic field.

I fed the positions of both mountains into the computer and calculated the great-circle distance between the two peaks using the Gridworks program, and was quite intrigued to find that the value was 69.545278 minutes of arc (great-circle distance) (see diagram overleaf). This happens to be the geometric harmonic for gravity when mathematically converted from the classical textbooks. The reciprocal of this value is the harmonic of light speed, 143791.214 minutes of arc per grid second (see the unified tables in my book, *The Harmonic Conquest of Space*).

The bearing of the great-circle track from Ruapehu to Egmont, given by the computer, is 269.5259 degrees, which is also harmonically significant.

I wonder what scientists will do with this piece of evidence that relates volcanic activity to the unified fields.

Note that, as stated earlier, the speed of light appears to be a constant because of the relativity factors. As the gravity values change, the speed of light changes inversely. The measurements of distance and time factors also undergo change due to the double matter/antimatter cycles. The unified tables demonstrate this. Therefore, the actual speed of light at a given latitude is quite different from the constant value we read on any instrument.

The following are the actual values calculated by the Gridworks computer program for Mururoa and the Sun at the time of detonation:

Mururoa: Actual speed of light (intermediate 3)
 = 143803.5814507
 minutes of arc per grid second

Subtracting from the maximum speed of light:
 (144000 - 143803.5814507) = 196.4185493 harmonic
 (196.4185493 x 6 x 6 x 6 x 6) = 254558.44 harmonic
 = 2545.5844 harmonic

Sun: Latitude (at Mururoa atomic bomb detonation time):
 Actual speed of light (gravity reciprocal)
 = 143780.7390172
 minutes of arc per grid second

Subtracting from maximum speed of light:
 (144000 - 143780.7390172) = 219.2609828 harmonic
 (219.2609828/36) = 6090580555 harmonic
 = 3709519951 harmonic
 Reciprocal = 26957666 harmonic

See value for 'E' in Unified Equation 3, where the speed of light is equivalent to 143909.06548 minutes of arc per grid second.

VESUVIUS HARMONICS

During the writing of these notes (3 May 1998), one of the local newspapers ran the headline: "Famous Volcano Set to Blow its Top. Experts fear sleeping Mt Vesuvius is preparing for a colossal eruption."

So, once again, the maps came out and the computer was switched to the Gridworks program in order to check the geometric position of the volcano and the actual speed of light values at its latitude. The results are as follows:

Latitude: 40.82833333° north
 Longitude: 14.437616° east

Actual speed of light (electromagnetic spectrum) is equal to 143466.3019851 minutes of arc per grid second.

Subtracting from the maximum speed of light:
 (144000 - 143466.3019851) = 533.6980149 harmonic

533.6980149 divided by 6 four times
 = 0.411804023 harmonic
 Squared = 0.169582553 harmonic
 Squared = 0.028758242 harmonic
 Divided by 2 = 0.143791214 harmonic

This is the maximum speed of light harmonic for the gravity reciprocal: 143791.214 minutes of arc per grid second.

The great-circle distance of Mt Vesuvius from longitude zero at the given latitude is 39283.71 seconds of arc—an harmonic of 3928.371 (see Earth's magnetic field).

The geometric position of the mountain appears to conform with the harmonic unified values and adds to the growing amount of evidence that helps to prove the overall unified field theory.

Editor's Note:

Former civil aviation pilot Captain Bruce L. Cathie (Retired) is the author of a number of books, including *The Bridge to Infinity*, *The Energy Grid* and *The Harmonic Conquest of Space*, which are still in print. These are available from NEXUS offices in Australia, New Zealand, UK and Europe, and in the USA from Adventures Unlimited Press, tel (815) 253 6390, email auphq@frontiernet.net, website www.adventuresunlimited.com. An electronic copy of *The Energy Grid* is available via email 1stbooks@1stbooks.com.

The Gridworks computer program is available through NEXUS offices as well as from Bruce L. Cathie, 158 Shaw Road, Oratia, Auckland, New Zealand, tel +64 (0)9 818 4291, email bruce@cathie.co.nz, and Rodney Maupin, Post Office Box 976, Rainier, WA 98576, USA, email gridman@ywave.com.

For additional background on Bruce Cathie's work, see his articles "The Energy Grid" in NEXUS 2/09, "The Pyramids of China" in 2/10, "The Harmonic Conquest of Space" in 2/22 and "The Harmonics of Coral Castle" in 8/06.

